NAVAIR

NAVY TRAINING SYSTEM PLAN

FOR THE

AN/AYK-14(V)

STANDARD AIRBORNE COMPUTER

N88-NTSP-A-50-8822C/D

MARCH 2004

AN/AYK-14(V) STANDARD AIRBORNE COMPUTER

EXECUTIVE SUMMARY

This Navy Training System Plan (NTSP) has been developed to identify the life cycle manpower, personnel, and training requirements associated with the AN/AYK-14(V) Standard Airborne Computer, hereafter referred to as the AN/AYK-14(V). The AN/AYK-14(V) was developed to perform a wide range of data processing functions while operating as a component part of a weapon system. The AN/AYK-14(V) features a family of modules and a chassis that can be used in unlimited combinations. It was introduced into the Fleet as installed avionics on new production aircraft and through a retrofit program for established aircraft starting in 1982. The AN/AYK-14(V) is currently installed in the AV-8B, E-2C, EA-6B, EP-3E, F-14D, and F/A-18 aircraft; the SH-60B Helicopter; and the AN/SPN-46 Automatic Carrier Landing System. The AN/AYK-14(V) is post Milestone C Decision Point and is in the Operational Support phase of the Defense Acquisition System.

The AN/AYK-14(V) is completely automatic in operation once power has been applied and requires no operator.

Organizational maintenance of the AN/AYK-14(V) is performed by Aviation Electronics Technicians (AT) with applicable aircraft Navy Enlisted Classification (NEC) codes and Marine Corps personnel with applicable aircraft Military Occupational Specialties (MOS). Intermediate maintenance of the AN/AYK-14(V) is performed by ATs with NEC 6612 or NEC 6686 and Marine Corps personnel with MOS 6413. General Dynamics Advanced Information Systems, Bloomington, Minnesota, and the Naval Aviation Depot, North Island, California, are the designated depot level repair points for the AN/AYK-14(V).

All initial training associated with the AN/AYK-14(V) has been completed. Follow-on organizational level maintenance training for the AN/AYK-14(V) is provided as part of the aircraft avionics systems organizational level maintenance course, and is addressed in the specific aircraft NTSP. Formal follow-on intermediate maintenance training for Navy ATs has been established and is currently available at Center for Naval Air Maintenance Unit (CNATT Unit) Oceana, Virginia, and at CNATT Unit Lemoore, California. Follow-on intermediate maintenance training for Marine Corps personnel is accomplished through On-the-Job Training.

Manpower associated with the AN/AYK-14(V) is at a steady state and will not increase or decrease.

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LIST OF ACRONYMS

ACDU	Active Duty
ACLS	Automatic Carrier Landing System
AIMD	Aircraft Intermediate Maintenance Department
AMD	Activity Manpower Document
AMTCS	Aviation Maintenance Training Continuum System
AOB	Average Onboard
APMTS	Assistant Program Manager, Training Systems
AR	Active Reserve (USMC)
AT	Aviation Electronics Technician
ATIR	Annual Training Input Requirement
AVC	Avionics Change
BIT	Built-In Test
CAI	Computer-Aided Instruction
CAT	Computerized Automatic Tester
CFE	Contractor Furnished Equipment
CFY	Current Fiscal Year
CIN	Course Identification Number
CMI	Computer-Managed Instruction
CMM	Course Model Manager
CNATT	Center for Naval Aviation Technical Training
CNATT	Center for Naval Aviation Technical Training
CNATT MARU	Center for Naval Aviation Technical Training Marine Unit
CNO	Chief of Naval Operations
COMLANTFLT	Commander, U.S. Atlantic Fleet
COMPACFLT	Commander, U.S. Pacific Fleet
COTS	Commercial Off-The-Shelf
CSE	Common Support Equipment
CTS	Computer Test Set
CV	Aircraft Carrier
CVN	Aircraft Carrier, Nuclear
DA	Developing Agency
ECP	Engineering Change Proposal
FMS	Foreign Military Sales
FY	Fiscal Year

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LIST OF ACRONYMS

GFE	Government Furnished Equipment
GPETE	General Purpose Electronics Test Equipment
GPTE	General Purpose Test Equipment
HPRR	Human Performance Requirements Review
HSI	Human Systems Integration
ICW	Interactive Courseware
IMA	Intermediate Maintenance Activity
IMI	Interactive Multimedia Instruction
IOC	Initial Operational Capability
LHA	Landing Assault Ship, General Purpose
LHD	Amphibious Assault Ship, Multipurpose
LRC	Learning Resource Center
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MCCDC	Marine Corps Combat Development Command
MLV	Memory Loader Verifier
MMF	Mobile Maintenance Facility
MOS	Military Occupational Specialty
MSD	Material Support Date
MTIP	Maintenance Training Improvement Program
MTU	Maintenance Training Unit
NA	Not Applicable
NADEP	Naval Aviation Depot
NAVAIR	Naval Air Systems Command
NAVPERSCOM	Naval Personnel Command
NEC	Navy Enlisted Classification
NETC	Naval Education and Training Command
NOBC	Navy Officer Billet Classification
NTSP	Navy Training System Plan
OJT	On-the-Job Training
OPEVAL	Operational Evaluation
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	Office of the Chief of Naval Operations Instruction

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LIST OF ACRONYMS

OPO	OPNAV Principal Official
P^3I	Pre-Planned Product Improvement Program
PA	Practical Application
PJT	Practical Job Training
PMA	Program Manager, Air
PMOS	Primary Military Occupational Specialty
PNEC	Primary Navy Enlisted Classification
PSE	Peculiar Support Equipment
RAIMD	Reserve Aircraft Intermediate Maintenance Department
SCORM	Sharable Content Object Reference Model
SE	Support Equipment
SELRES	Selected Reserves
SMCR	Selective Marine Corps Reserve
SMOS	Secondary Military Occupational Specialty
SNEC	Secondary Navy Enlisted Classification
SPETE	Special Purpose Electronic Test Equipment
SPTE	Special Purpose Test Equipment
SRAID	Shop Replaceable Assembly Isolation Diagnostics
ST	Special Tool
TA	Training Agency
TAR	Training and Administration of the Naval Reserves
TBD	To Be Determined
TD	Training Device
TECHEVAL	Technical Evaluation
TFMMS	Total Force Manpower Management System
TSA	Training Support Agency
TTE	Technical Training Equipment
UIC	Unit Identification Code
ULSS	User's Logistics Support Summary
VHSIC	Very High Speed Integrated Circuit
WRA	Weapon Replaceable Assembly
WST	Weapon System Trainer

AN/AYK-14(V) STANDARD AIRBORNE COMPUTER

PREFACE

This Draft Navy Training System Plan (NTSP) for the AN/AYK-14(V) Standard Airborne Computer, hereafter referred to as the AN/AYK-14(V), has been developed to update the Approved AN/AYK-14(V) NTSP, N88-NTSP A-50-8822B/A, dated November 2000, in accordance with the guidelines set forth in the Navy Training Requirements Documentation Manual, Office of the Chief of Naval Operations (OPNAV) Publication P-751-1-9-97. Changes to this edition include:

- Incorporation of latest program changes
- Incorporation of updated Engineering Change Proposal (ECP) information
- Incorporation of updated manpower requirements
- Updated Points of Contact information

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** AN/AYK-14(V) Standard Airborne Computer

2. **Program Element.** 64203N

B. SECURITY CLASSIFICATION

1. **System Characteristics** ..... Unclassified
2. **Capabilities** ..... Unclassified
3. **Functions** ..... Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor ..... CNO (N785)

OPO Resource Sponsor..... CNO (N785)

Functional Mission Sponsor ..... CNO (N785

Developing Agency ..... NAVAIR (PMA209)

Training Agency ..... COMLANTFLT
COMPACFLT
CNATT (FIDN5)

Training Support Agency..... NAVAIR (PMA205)

Manpower and Personnel Mission Sponsor..... CNO (N12)
NAVPERSCOM (PERS-4, PERS-404)

Director Naval Education and Training..... CNO (N00T)

Marine Corps Force Structure..... MCCDC (C53)

D. SYSTEM DESCRIPTION

1. Operational Uses. The AN/AYK-14(V) was developed to perform a wide range of data processing functions while operating as a component part of airborne systems. The AN/AYK-14(V) is installed in the AV-8B, E-2C, EA-6B, EP-3E, F-14D, and F/A-18 aircraft and the SH-60B Helicopter. Information regarding the specific employment of the AN/AYK-14(V)

in each of these weapons systems can be found in the individual aircraft NTSP listed in Part I, paragraph M of this document. Additionally, the AN/AYK-14(V) is installed as part of the AN/SPN-46 Automatic Carrier Landing System (ACLS). The AN/SPN-46 ACLS NTSP, E-50-8206E/A, dated November 1999, addresses the manpower, personnel, and training requirements associated with the AN/SPN-46 ACLS; therefore, this information will not be duplicated in this document.

2. Foreign Military Sales. The AN/AYK-14(V) has been obtained by countries through Foreign Military Sales (FMS). For specific information concerning these FMS cases, refer to the program office, Naval Air Systems Command (NAVAIR), Program Manager, Air (PMA) 209.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. No Technical Evaluation (TECHEVAL) or Operational Evaluation (OPEVAL) was performed on the three configurations of the AN/AYK-14(V) as a stand-alone entity. TECHEVAL and OPEVAL of the systems using the AN/AYK-14(V) were completed by aircraft type. Evaluation of AN/AYK-14(V) Engineering Change Proposals (ECP) have been and will continue to be conducted by aircraft type. AN/AYK-14(V) ECP TECHEVAL and OPEVAL status is addressed in the applicable aircraft NTSP.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED. The AN/AYK-14(V) replaced the AN/AYQ-6A computer in the AN/ALQ-99 Tactical Jamming System used in the EA-6B aircraft and earlier versions of the AN/AYK-14(V) in the F-14D, AV-8B, and F/A-18 aircraft.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description. The AN/AYK-14(V) is a family of micro-programmed, general-purpose, 16-bit computers featuring a performance range of 400,000 to 1.2 million operations per second. The AN/AYK-14(V) was designed to operate in environments prescribed by MIL-E-5400. The computer features a high degree of functional and mechanical modularity designed for flexible growth and extensive hardware commonality over a wide range of applications. The AN/AYK-14(V) display architecture that is observed by the user is not affected by modular hardware configuration changes, permitting common firmware and support software for all users. The functional modules communicate via two identical internal buses. These high-speed, 24-bit parallel buses are the principal data transfer paths between processing modules, memory control, and the input-output channels. Additional interrupt and event control signals are transmitted via the event bus. Common module interfaces permit flexible module configurations and ensure that the addition of new module types will not require modifications to existing module or chassis types.

2. Physical Description

a. Weapon Replaceable Assembly. The AN/AYK-14(V) is a Weapon Replaceable Assembly (WRA) that is connected to other WRAs or subsystems by quick-disconnect cables. Except for the cooling fan power, all cabling connectors are on the front panel; for those configurations using fan cooling, the connector is located on the rear of the enclosure. The physical dimensions and weight of the AN/AYK-14(V) vary according to the application and configuration. The following table lists current program WRA configurations and their physical descriptions:

ACFT	AYK-14 MODEL	PART NUMBER	WEIGHT (POUNDS)	DIMENSIONS (INCHES)		
				L	W	H
AV-8B	CP-2090	13219134-01	42.6	14.00	10.13	7.63
E-2C	CP-1501B	14889100-03	46.5	19.56	10.13	7.63
EA-6B	CP-2357 CP-1907A CP 2543*	13227844-01 13213591-03 13232047-01	44.0 68.7 52.3	24.88 22.56 24.88	10.13 10.13 10.13	7.63 7.63 7.63
EP-3E	CP-1799	1079AS1001-02	60.3	22.81	10.13	7.63
F-14D	CP-1700 CP-2360	13206140-19 13225798-01	44.9 37.1	14.00 14.00	10.13 10.13	7.63 7.63
F/A-18	CP-2360 CP-2359 CP-1699A CP-1539A	13206140-19 13225798-01 13203471-20 13200988-02	44.9 36.0 44.8 42.4	14.00 14.00 14.00 14.00	10.13 10.13 10.13 10.13	7.63 7.63 7.63 7.63
SH-60B	CP-1878	1797AS1004-03	57.0	22.81	10.13	7.63

Note: AVC-5185 authorizes the upgrade of all CP-2357s to CP-2543 configuration. CP-1907A only used on 20 "orphan" EA-6B aircraft.

b. Shop Replaceable Assemblies. Shop Replaceable Assemblies (SRA) mount in slots machined into the enclosure walls. The SRA locations are numbered and labeled from the enclosure front to back. Modules and enclosures contain provisions for keying to prevent improper module insertion into the enclosure. The modules, except power modules, consist of one or more multi-layered epoxy fiberglass-base printed wiring boards containing up to 140 surface-mounted electronic components. AN/AYK-14(V) SRA modules are nine inches long, six inches high, range from 0.45 to 1.45 inches wide, and weigh between 1.1 and 3.1 pounds.

SRA power modules are 9.0 inches wide, 7.1 inches high, range from 14.0 to 24.88 inches long, and weigh between 12.0 and 24.5 pounds. A detailed listing of all AN/AYK-14(V) SRAs and their physical dimensions is contained in the User's Logistics Support Summary (ULSS) identified in Part I, paragraph J.2. of this NTSP.

3. New Development Introduction. The AN/AYK-14(V) family spans three generations. The first generation was introduced in 1979, followed by the second generation Pre-Planned Product Improvement Program (P^3I) in 1988, and the third generation Very High Speed Integrated Circuit (VHSIC) Processor in 1992. All three generations were introduced as installed avionics on new production aircraft and through a retrofit program for established aircraft. AN/AYK-14(V) upgrades and modifications addressed in ECPs will be introduced as Avionics Changes (AVC) to the specific Type, Model, Series (TMS) aircraft affected. These AVCs are addressed in the applicable aircraft NTSP. The following table identifies active AN/AYK-14(V) ECPs.

ECP	AIRCRAFT	AVC	STATUS	BEGIN DATE	COMPLETION DATE
28-1	SH-60B	4294	Approved Oct 91	Sep 92	Jun 00
28-2	SH-60B	4294	Funded Aug 98	Sep 99	May 00
45	F/A-18	4480	Approved Jan 94 Last Procurement Sep 96	Sep 94	Sept 96
47	F/A-18	4695	Approved Aug 96	On hold	To Be Determined (TBD)
50	EA-6B	4892	Approved Apr 98	Feb 99	Jun 04
51	F/A-18	4694	Approved Aug 96	Oct 96	Sep 00
52	F-14D	4997	Approved Feb 00	Dec 01	Mar 01
54	EA-6B	5003	Approved May 00	Sept 00	Mar 01
55	F/A-18 Lot 12-18	5004	Approved May 00	Dec 00	TBD
560/ 583	F/A-18 USNR	None Assigned	Approved Jun 01	TBD	TBD
56	EA-6B	5185	Approved Oct 04	Jul 04	TBD

4. Significant Interfaces. The AN/AYK-14(V) Serial Interface Module has a dual-bus interface that provides communication between the computer and the external system. The dual-bus interface provides system redundancy when both buses connect to the same external equipment, although only one bus is active at a time. Sole control of information transmission on these buses resides with the operating bus controller. The AN/AYK-14(V) can be used in the following types of airborne systems: mission control, weapons delivery, navigation, radar control, flight control, electronic warfare, pilot display subsystems, and Anti-Submarine Warfare.

5. New Features, Configurations, or Material. Not Applicable (NA)

H. CONCEPTS

1. Operational Concept. AN/AYK-14(V) WRAs are designed as computational units and do not include an operator panel. The AN/AYK-14(V) is completely automatic in operation once aircraft power has been applied. The AN/AYK-14(V) has no Pilot or user adjustments; therefore, no operator is required.

2. Maintenance Concept. AN/AYK-14(V) maintenance is performed in accordance with the Naval Aviation Maintenance Program, OPNAV Instruction (OPNAVINST) 4790.2 series, which is based on three levels of maintenance; organizational, intermediate, and depot. Specific details on the various configurations of the AN/AYK-14(V) are provided in the AN/AYK-14(V) Maintenance Plan, AVMP-0208I, dated 1 June 1999. AVMP-0208j in work, and is estimated to be completed in May 2004.

a. Organizational. Organizational level maintenance of the AN/AYK-14(V) is performed by Aviation Electronics Technicians (AT), with applicable aircraft Navy Enlisted Classification (NEC) codes and Marine Corps personnel with applicable aircraft Military Occupational Specialties (MOS) assigned to the Electronics Branch, Work Center 210, or the Troubleshooter Branch, Work Center 320. Organizational level maintenance is limited to corrosion control and troubleshooting enhanced by the use of computerized fault detection and isolation equipment and procedures.

(1) Preventive Maintenance. Preventive maintenance is limited to on-aircraft corrosion control.

(2) Corrective Maintenance. Corrective maintenance consists of removing and replacing faulty WRAs. Fault indications are displayed on a front panel Built-In Test (BIT) indicator.

b. Intermediate. Intermediate maintenance of the AN/AYK-14(V) consists of fault isolation to the SRA level and replacement of the faulty SRA. Intermediate maintenance of the AN/AYK-14(V) used in Navy EA-6B, EP-3E, F-14D, and F/A-18 Aircraft, and SH-60B Helicopters is performed by Navy ATs with NEC 6612, *TACAN/Radio Navigation Equipment*

Intermediate Maintenance Activity (IMA) Technician, using either the AN/ASM-709 Computer Test Set (CTS) or the AN/ASM-667 Computer Test Set (CTS), in conjunction with the AN/ASM-607(V)7 Memory Loader Verifier (MLV) and an SRA Isolation Diagnostics (SRAID) program. Intermediate maintenance of AN/AYK-14(V) computers used in Navy E-2C Aircraft is performed by ATs with NEC 6686, *AN/USM-429 Computerized Automatic Tester (CAT)-IIID Maintenance Technician*, using the AN/USM-429 CAT-IIID. Intermediate maintenance of AN/AYK-14(V) computers used in Marine Corps AV-8B, EA-6B, and F/A-18 Aircraft is performed by Marine Corps personnel with MOS 6413, *Aircraft Navigation Systems Technician IFF/RADAR/TACAN, IMA*. The following table identifies the specific test equipment used at each intermediate level maintenance activity to support the AN/AYK-14(V):

MAINTENANCE ACTIVITY	MLV AND CTS	AN/ASM-709 CTS	CAT-IIID
CV 63 USS Kitty Hawk		EA-6B F/A-18	E-2C
CVN 65 USS Enterprise		EA-6B F/A-18	E-2C
CV 67 USS John F. Kennedy		EA-6B F/A-18	E-2C
CVN 68 USS Nimitz		EA-6B F/A-18	E-2C
CVN 69 USS Dwight D. Eisenhower		EA-6B F/A-18	E-2C
CVN 70 USS Carl Vinson		EA-6B F/A-18 F-14D	E-2C
CVN 71 USS Theodore Roosevelt		EA-6B F/A-18	E-2C
CVN 72 USS Abraham Lincoln		EA-6B F/A-18 F-14D	E-2C
CVN 73 USS George Washington		EA-6B F/A-18	E-2C
CVN 74 USS John C. Stennis		EA-6B F/A-18	E-2C
CVN 75 USS Harry S. Truman		EA-6B F/A-18	E-2C

MAINTENANCE ACTIVITY	MLV AND CTS	AN/ASM-709 CTS	CAT-IIID
CVN 76 USS Ronald Reagan		EA-6B F/A-18	E-2C
LHA 1 USS Tarawa		AV-8B	
LHA 2 USS Saipan		AV-8B	
LHA 3 USS Belleau Wood		AV-8B	
LHA 4 USS Nassau		AV-8B	
LHA 5 USS Peleliu		AV-8B	
LHD 1 USS Wasp		AV-8B	
LHD 2 USS Essex		AV-8B	
LHD 3 USS Kearsarge		AV-8B	
LHD 4 USS Boxer		AV-8B	
LHD 5 USS Bataan		AV-8B	
LHD 6 USS Bonhomme Richard		AV-8B	
LHD 7 USS Iwo Jima		AV-8B	
MALS-11 Miramar		F/A-18	
MALS-12 Iwakuni, Japan		EA-6B F/A-18	
MALS-13 Yuma		AV-8B	
MALS-14 Cherry Point		EA-6B AV-8B	
MALS-31 Beaufort		F/A-18	
RAIMD NAF Washington		EA-6B F/A-18	
AIMD Atsugi, Japan	EA-6B SH-60B EP-3E		
AIMD JRB Fort Worth		F/A-18	
AIMD Lemoore		F/A-18	
AIMD Mayport		SH-60B	
RAIMD New Orleans	F/A-18		

MAINTENANCE ACTIVITY	MLV AND CTS	AN/ASM-709 CTS	CAT-IIID
AIMD North Island		SH-60B	
AIMD Oceana		F-14D F/A-18	
AIMD Point Mugu			E-2C
AIMD Norfolk			E-2C
Navy Test Wing Atlantic, Patuxent River	SH-60B	F/A-18 EA-6B F-14D	
AIMD Sigonella, Italy	SH-60B		
AIMD Whidbey Island		EA-6B EP-3E	
MMF 1, Whidbey Island		EA-6B	
MMF 2, Whidbey Island		EA-6B	
MMF 3, Whidbey Island		EA-6B	
AIMD Rota, Spain	EP-3E		
AIMD Mayport	SH-60B		

Note: AN/ASM-709 may be used for all AYK-14 configurations. AN/ASM-607(7) MLV is substituted only for first and second generation AYK-14 computers.

c. Depot. General Dynamics Advanced Information Systems (GDAIS), Bloomington, Minnesota, and Naval Aviation Depot (NADEP), North Island, California, are the designated repair points for the AN/AYK-14(V). GDAIS is capable of repairing all configurations of the AN/AYK-14(V) and NADEP North Island has repair capabilities for some first and second-generation computers.

d. Interim Maintenance. NA

e. Life Cycle Maintenance Plan. The AN/AYK-14(V) will be maintained under the cognizance of the Life Cycle Maintenance Plan for the aircraft in which it is installed.

3. Manning Concept. The AN/AYK-14(V) alone does not drive any organizational level maintenance billets. AN/AYK-14(V) maintenance is part of the composite workload at the organizational level as driven by each aircraft squadron's Required Operational Capability/ Projected Operating Environment. Refer to specific squadron Activity Manpower Documents or aircraft NTSPs for AT billet information. Marine Corps organizational level maintenance

manpower requirements are addressed in the applicable squadron Table of Organization. At the intermediate level, Navy ATs with NEC 6612 and 6686 maintain the AN/AYK-14(V) along with similar related systems. Manpower requirements for ATs with NEC 6686 are addressed in the AN/USM-429 CAT III NTSP, N88-NTSP-A-50-8709B/A, dated May 1999. IMA billet data for ATs with NEC 6612 was obtained from the Total Force Manpower Management System (TFMMS) and was used as the basis to determine student throughput in Parts II and III of this NTSP. Since the primary responsibility of ATs with NEC 6612 is the repair of TACAN and radio navigation equipment, only activities supporting the AN/AYK-14(V) are addressed in this Part I of this NTSP. Intermediate maintenance of the AN/AYK-14(V) used in Marine Corps aircraft is performed by Marine Corps Avionics Maintenance Technicians with MOS 6413. Marine Corps personnel with MOS 6413 acquire the skills required to perform AN/AYK-14 intermediate maintenance through On-the-Job Training (OJT) and, therefore, are not included in Parts II and III of this NTSP.

4. Training Concept. The goal of the AN/AYK-14(V) training concept is to provide qualified intermediate level AN/AYK-14(V) maintenance technicians to AIMDs ashore and afloat, and MALS ashore.

The established training concept for most aviation maintenance training divides "A" School courses into two or more segments called *Core* and *Strand*. Many organizational level "C" School courses are also divided into separate *Initial* and *Career* training courses. "A" School *Core* courses include general knowledge and skills training for the particular rating, while "A" School *Strand* courses focus on the more specialized training requirements for that rating and a specific aircraft or equipment, based on the student's fleet activity destination. *Strand* training immediately follows *Core* training and is part of the "A" School. Upon completion of *Core* and *Strand* "A" Schools, Navy graduates going to organizational level activities attend the appropriate *Initial* "C" School for additional specific training. *Initial* "C" School training is intended for students in paygrades E-4 and below. *Career* "C" School training is provided to organizational level personnel, E-5 and above, to enhance skills and knowledge within their field. "A" School graduates going to intermediate level activities attend the appropriate intermediate level "C" School.

Intermediate level "C" Schools are not separated into Initial and Career courses.

Marine Corps graduates of *Core* and *Strand* "A" school attend the appropriate *Career* "C" School for additional training on a specific type of aircraft or equipment, and to enhance skills and knowledge within their field. Marine Corps graduates from "C" School receive their primary MOS. However, Marine Corps personnel with MOS 6413 acquire the skills required to perform AN/AYK-14 intermediate maintenance through OJT.

For reserve program units, Training and Administration of the Naval Reserve (TAR) personnel receive their training through attending the Maintenance Training Unit (MTU) training, while Selected Reserve (SELRES) personnel may earn intermediate level maintenance qualifications by attending formal training at the MTU, providing quotas, funding, and students are available to attend the training. Specific guidelines are contained in Naval Personnel Command (NAVPERS) 18068F Volume II, Chapter IV, Navy Enlisted Classifications.

a. Human Performance. The AN/AYK-14(V) has been operational for 26 years, and data that would have been contained in a formal fidelity analysis for AN/AYK-14(V) is unavailable. Communications with the Course Model Manager (CMM) indicate the AN/AYK-14(V) intermediate maintenance training course maintains a high fidelity with the parent system configuration.

b. Training System Management and Support. The maintenance training courses are managed by the CMM, Center fo Naval Air Maintenance Training Unit (CNATT Unit) Lemoore, California. The CMM is responsible for course configuration control and logistics support requirements.

(1) Maintaining Training System Currency. The Assistant Program Manager, Training Systems (APMTS), PMA2053E3, is responsible for reviewing all AN/AYK-14(V) ECPs and assessing their impacts on the training system. CNATT Unit Lemoore is responsible for maintaining the courseware concurrency for maintenance practices. The training element manager also ensures that changes to basic equipment include provisions to modify training equipment, and update the training course and curriculum.

(2) Training Effectiveness Evaluations. The Naval Education and Training Command (NETC) (via Chief of Naval Education and Training (CNET) Instruction 1500.30) established policy, procedures, and responsibility for the administration and operation of the NETC training feedback program. This program provides a web-based homepage template containing a training feedback form icon. Each school is to develop a form following this format with a link back to the NETC homepage at https://www.netc.navy.mil/. This web page form is used to receive feedback on any training issue, training concern, or to make general recommendations. A Fleet partnership program will also be established to develop a close relationship with representative samples of customers to evaluate the quality of the trained graduates and the relevance of skills trained.

In conjunction with this Fleet feedback program, a Human Performance Requirements Review (HPRR) process is required by OPNAV Instruction 1500.69A. HPRRs provide a process for resource and program sponsors to identify and correct training deficiencies.

c. Training Media and Delivery Method. The AN/AYK-14(V) training analysis and media selection was based on task analysis and media technology available during the 1970s. This led to instructor-led theory combined with practical application as the most effective and affordable method of training to support intermediate level maintenance technicians' knowledge and skill requirements. Modifications to the AN/AYK-14(V) consist of configuration changes that do not impact on technicians' skill and knowledge requirements. These changes are not significant enough to warrant changes in training methods.

Currently, the AN/AYK-14(V) training course is not Sharable Content Object Reference Model (SCORM)-conformant. This course was developed prior to the development of SCORM standards, and course updates since SCORM promulgation have not been significant enough to warrant the cost of conversion to SCORM. Modifications to this course affect less than 50

percent of the total course length and content; therefore, the additional cost of conversion to SCORM is not considered cost-effective.

d. Initial Training. The AN/AYK-14(V) is a mature system. All initial training was completed more than two decades ago. No additional initial training is required.

e. Follow-on Training

(1) Operator. NA

(2) Organizational Maintenance. Organizational level maintenance training for the AN/AYK-14(V) is provided by CNATT Unit and Center for Naval Air Maintenance Training Marine Unit (CNATT MARU) locations as part of the aircraft avionics systems organizational level maintenance courses. Organizational level maintenance training is addressed in the specific aircraft NTSPs identified in Part I, paragraph M. of this NTSP. The following table identifies organizational level maintenance training by aircraft type and training location:

AIRCRAFT	NEC	MOS	COURSE	TRACK	LOCATIONS
F/A-18	8342	6317	C-102-9963	D/E-102-0630	◦ CNATT Unit Oceana ◦ CNATT Unit Lemoore ◦ CNATT MARU, MCAS Miramar
F-14D	8335		C-102-9899	E-102-1630	◦ CNATT Unit Oceana
AV-8B		6315	C-102-9895	M-102-0122	◦ CNATT MARU, MCAS Cherry Point
SH-60B	8376		C-102-9406	D/E-102-0820	◦ CNATT Unit DET Mayport ◦ CNATT Unit North Island
EP-3E	8319		C-102-9676	D/E-102-1128	◦ CNATT Unit Jacksonville ◦ CNATT Unit Whidbey Island
EA-6B	8332	6313	C-102-9966	E-102-0720	◦ CNATT Unit Whidbey Island
E-2C	8306		C-102-9480	D-102-0321	◦ CNATT Unit Norfolk

(3) Intermediate Maintenance

(a) Navy EA-6B, EP-3E, F-14D, F/A-18, and SH-60B. ATs with NEC 6612, *TACAN/Radio Navigation Equipment IMA Technician*, perform intermediate maintenance of the AN/AYK-14(V) used in Navy EA-6B, EP-3E, F-14D, and F/A-18 Aircraft and SH-60B helicopters. Follow-on training is accomplished by attending course *C-102-4018, AN/AN/AYK-14(V) Digital Data Computer Intermediate Maintenance*, which is part of track *D/E-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance Pipeline*.

Title	**AN/AN/AYK-14(V) Digital Data Computer Intermediate Maintenance**
CIN.....	C-102-4018 (part of track D/E-102-6113)
Model Manager.....	CNATT Unit Lemoore
Description.....	This course provides training to the Aviation Electronics Technician, including: ° Electrostatic Discharge Control Program ° Publications ° Safety ° Testing, Troubleshooting, and Maintenance of the AN/AYK-14(V) Upon completion, the graduate will be able to perform as an AN/AYK-14(V) Intermediate Maintenance Technician in a shop environment under limited supervision.
Delivery Method.....	Total Course of Instruction.....40 hours Instructor-Led Classroom.....20 hours Instructor-Led with CAI.....0 hours ICW .....0 periods PA/Laboratory .....20 hours PJT (On-Aircraft Repair) .....0 hours
Length	114 days (Track D/E-102-6113)
Locations.....	° CNATT Unit Oceana ° CNATT Unit Lemoore
RFT Date	Currently available
Skill Identifier.....	AT 6612
TTE/TD.....	Refer to elements IV.A.1 and IV.A.2 of this NTSP
Prerequisites.....	° C-100-1234, Avionics Technician Organizational Level Class A1 ° C-100-5678, Avionics Common Core Class A1

	° C-100-2017, Avionics Technician I Level Class A1

(b) Navy E-2C. Intermediate maintenance of AN/AYK-14(V) computers used in Navy E-2C aircraft is performed by ATs with NEC 6686, *AN/USM-429 CAT-IIID Maintenance Technician*. The training requirements for these billets are addressed in the AN/USM-429 CAT IIID NTSP identified in Part I, paragraph M. of this NTSP.

(c) Marine Corps AV-8B, EA-6B, and F/A-18. Intermediate maintenance of the AN/AYK-14(V) used in Marine Corps AV-8B, EA-6B, and F/A-18 aircraft is performed by Marine Corps personnel with MOS 6413, *Aircraft Navigation Systems Technician IFF/RADAR/TACAN, IMA*. Marine Corps MOS 6413 personnel acquire the skills required to perform AN/AYK-14(V) intermediate maintenance through OJT, and do not receive any formal AN/AYK-14(V) training.

f. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 6612, 6686	° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician I Level Class 1
MOS 6413	° C-100-2020, Avionics Common Core Class A1 ° C-100-2017, Avionics Technician I Level Class 1

g. Training Pipelines. NA

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. Current planning is to adopt the Aviation Maintenance Training Continuum System (AMTCS) concepts to replace the Maintenance Training Improvement Program (MTIP). AMTCS is currently in its trial period, which is scheduled to be completed in April 2004. Upon completion of the trial, the F/A-18 will be the first aircraft to implement AMTCS. All others will be implemented following the F/A-18. For AMTCS information refer to PMA205B1.

b. Aviation Maintenance Training Continuum System. AMTCS will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS concepts will provide an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be

manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. Where appropriate, capitalizing on technological advances and integrating systems and processes can provide the right amount of training at the right time, thus meeting the CNO's mandated "just-in-time" training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Interactive Multimedia Instruction (IMI) for the technicians in the Fleet in the form of Interactive Courseware (ICW) with Computer-Managed Instruction (CMI) and Computer-Aided Instruction (CAI) for the schoolhouse.

Included in the AMTCS development effort is the Aviation Maintenance Training Continuum System - Software Module, which provides testing (Test and Evaluation), recording (Electronic Certification Qualification Records), and a Feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate Commercial-Off-The-Shelf (COTS) hardware and software, i.e., Fleet Training Devices - Laptops, Personal Computers, Electronic Classrooms, Learning Resource Centers (LRC), operating software, and network software and hardware.

Upon receipt of direction from OPNAV (N789H), AMTCS concepts are to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing MTIP and Maintenance Training Management and Evaluation Program (MATMEP) programs.

2. Personnel Qualification Standards. NA

3. Other Onboard or In-Service Training Packages. Marine Corps onboard training is based on the current series of MCO P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 (series), maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements for each MOS. MTIP questions coupled to MATMEP tasks will help identify training deficiencies that can be enhanced with refresher training. (MATMEP is planned to be replaced by AMTCS in FY04.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00163-96-D-0014 N00426-03-D-0039	General Dynamics Advanced Information Systems	8800 Queen Avenue South Bloomington, MN 55431

2. Program Documentation

DOCUMENT TITLE	DOCUMENT NUMBER	PDA CODE	STATUS
Standard Airborne Computer AN/AYK-14(V) Integrated Logistics Support Detailed Specifications	ILS-DS-30A-5B	PMA209	Approved Apr 82
Standard Airborne Computer AN/AYK-14(V) Maintenance Plan	AVMP-0208I	PMA209	Approved Jun 99
ULSS for the Standard Airborne Computer AN/AYK-14(V)	AV-ULSS-411 Revision D	PMA209	Approved Jan 03

3. Technical Data Plan. Technical documentation required to support the AN/AYK-14(V) and its support equipment includes formal technical manuals, technical source data packages, and engineering documents and drawings. The Naval Air Technical Data and Engineering Service Command (NATEC), San Diego, California, is responsible for AN/AYK-14 technical documentation. AN/AYK-14(V) intermediate maintenance manuals, depot level maintenance manuals, and Peculiar Support Equipment (PSE) technical manuals have been developed and distributed. Organizational level source data packages have been delivered to applicable aircraft Program Offices for incorporation into aircraft organizational level maintenance manuals. AN/AYK-14(V) intermediate maintenance technical manuals are identified in element IV.B.3 of this NTSP. A detailed listing of AN/AYK-14(V) technical manuals is contained in the ULSS.

4. Test Sets, Tools, and Test Equipment. No special test sets, tools, or test equipment are required to support AN/AYK-14(V) organizational level maintenance. Special test sets, tools, and test equipment are required and have been developed to support AN/AYK-14(V) intermediate and depot maintenance. Test sets and test equipment required to support AN/AYK-14(V) maintenance training are identified in element IV.A.1 of this NTSP.

5. Repair Parts. The Navy Inventory Control Point, Philadelphia, Pennsylvania, is responsible for AN/AYK-14(V) supply support. The Material Support Date (MSD) for the first generation AN/AYK-14(V) was in 1980. The MSD for the second generation P^3I was September 1990. The MSD for the third generation VHSIC Processor was November 1998. Information concerning supply support of AN/AYK-14(V) ECPs is contained in the applicable aircraft NTSP.

6. Human Systems Integration. HSI is an overarching element of Systems Engineering and the "HSI Process" is one of engineering coordination, facilitation, and advocacy with each competency participating in the design, engineering, ISD, and logistics processes. As an integral part of the Systems Engineering process, the goal of HSI is to balance the human engineering; manpower; personnel; training and performance support; environment, safety, and health; systems safety; habitability; and survivability requirements with design goals, thresholds, and constraints. An effective HSI program will increase overall system performance at the lowest total ownership cost by considering the capabilities and limitations of the warfighter throughout the system lifecycle. NAVAIR 4.6 is the NAVAIR lead for Human System Integration engineering policies, processes, and tools. NAVAIR 4.6 assists program IPTs by providing administrative, analytical, and technical support in implementing Human Systems Integration practices within their specific programs and program strategies.

a. Human Engineering. The AN/AYK-14(V) is completely automatic in operation once power has been applied and requires no operator. Organizational level maintenance is limited to corrosion control and troubleshooting enhanced by the use of computerized fault detection and isolation equipment and procedures. Intermediate maintenance of the consists of fault isolation to the SRA level and replacement of the faulty SRA. The AN/AYK-14(V) has been designed to eliminate system characteristics that require excessive cognitive, physical, or sensory skills; or that entail extensive training or workload-intensive tasks.

b. Manpower. The AN/AYK-14(V) has been in Fleet use for more than 20 years. The manpower required to maintain the AN/AYK-14(V) is at a steady state and is not expected to change.

c. Personnel. The skills required to maintain the AN/AYK-14(V) are within the abilities of current NECs and MOSs. No additional skills are required.

d. Training and Performance Support. HSI factors that affect training are discussed in detail in paragraph H.4 of this NTSP.

e. Habitability. NA

f. Environment, Safety, and Health. The AN/AYK-14(V) contains no materials that are a danger to the environment or the occupational health of the maintenance technician. The electronic components within the AN/AYK-14(V) have been designed to exceed current industry standards for safety.

g. Survivability. NA

h. System Safety. System Safety processes identify and prevent hazards associated with system design, integration, and use; and work with the PM and operational community to manage system safety risks, if they cannot be eliminated. There are no outstanding system safety issues associated with the AN/AYK-14.

K. SCHEDULES

1. Installation and Delivery Schedules. The AN/AYK-14 is delivered as installed avionics in new production aircraft or as a retrofit to existing aircraft. In either case, the installation and delivery schedules are addressed in the applicable aircraft NTSPs.

2. Ready For Operational Use Schedule. The AN/AYK-14 is ready for operational use upon completion of installation.

3. Time Required to Install at Operational Sites. NA

4. Foreign Military Sales and Other Source Delivery Schedule. For information concerning FMS delivery schedules, refer to the NAVAIR Program Office, PMA209.

5. Training Device and Technical Training Equipment Delivery Schedule. Training Devices (TD) and Technical Training Equipment (TTE) required to support organizational level maintenance are addressed in the applicable aircraft NTSP. TD and TTE required to support intermediate level maintenance training have been delivered and installed at each training location. AN/AYK-14(V) TD and TTE intermediate level maintenance training requirements are addressed in elements IV.A.1 and IV.A.2 of this NTSP.

L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
AV-8B Harrier II Weapon System NTSP	N88-NTSP-A-50-8210D/A	PMA257	Approved Sep 01
E-2C Hawkeye 2000 NTSP	N88-NTSP-A-50-8716E/A	PMA231	Approved Aug 03
EA-6B Aircraft NTSP	N88-NTSP-A-50-7904E/D	PMA234	Draft Aug 03
EP-3E Aircraft NTSP	N88-NTSP-A-50-8605E/P	PMA290	Proposed Jun 03
F-14A, B, and D Aircraft NTSP	N78-NTSP-A-50-8511C/A	PMA241	Approved Feb 02
F/A-18 Aircraft NTSP	N88-NTSP-A-50-7703I/D	PMA265	Draft Oct 02
H-60 Armed Helicopter Program NTSP	N88-NTSP-A-50-9805/A	PMA299	Approved Mar 02
AN/SPN-46(V) ACLS NTSP	N88-NTSP-E-50-8206E/A Addendum One	PMA213	Approved Aug 00
AN/USM-429(V)1 CAT-IIID(V)1 NTSP	N88-NTSP-A-50-8709B/A	PMA260	Approved May 99

PART II - BILLET AND PERSONNEL REQUIREMENTS

The following elements are not affected by the AN/AYK-14(V) and, therefore, are not included in Part II of this NTSP:

II.A. Billet Requirements

II.A.2.a. Operational and Fleet Support Activity Deactivation Schedule

II.A.2.b. Billets to be Deleted in Operational and Fleet Support Activities

II.A.2.c. Total Billets to be Deleted in Operational and Fleet Support Activities

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

SOURCE OF BILLETS: Total Force Manpower Management System **DATE:** September 2003

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
OPERATIONAL ACTIVITIES - USN							
CV 67 USS John F. Kennedy	03367	1	0	0	0	0	0
CVN 65 USS Enterprise	03365	1	0	0	0	0	0
CVN 69 USS Dwight D. Eisenhower	03369	1	0	0	0	0	0
CVN 71 USS Theodore Roosevelt	21247	1	0	0	0	0	0
CVN 73 USS George Washington	21412	1	0	0	0	0	0
CVN 75 USS Harry S. Truman	21853	1	0	0	0	0	0
CVN 76 USS Ronald Reagan	22178	1	0	0	0	0	0
HCS-4 NAS Norfolk	53811	1	0	0	0	0	0
HM-14 NAS Norfolk	53827	1	0	0	0	0	0
HM-14 NAS Norfolk	09132	1	0	0	0	0	0
LHA 2 USS Saipan	20632	1	0	0	0	0	0
LHA 4 USS Nassau	20725	1	0	0	0	0	0
LHD 1 USS Wasp	21560	1	0	0	0	0	0
LHD 3 USS Kearsarge	21700	1	0	0	0	0	0
LHD 5 USS Bataan	21879	1	0	0	0	0	0
LHD 7 USS Iwo Jima	23027	1	0	0	0	0	0
VAQ-209 NAF Washington	53870	1	0	0	0	0	0
VC-6 NAS Norfolk	09806	1	0	0	0	0	0
VFA-203 JRB Atlanta	09030	1	0	0	0	0	0
VFA-204 NAS New Orleans	09032	1	0	0	0	0	0
VP-10 NAS Brunswick	09639	1	0	0	0	0	0
VP-16 NAS Jacksonville	09229	1	0	0	0	0	0
VP-26 NAS Brunswick	09610	1	0	0	0	0	0
VP-45 NAS Jacksonville	09665	1	0	0	0	0	0
VP-5 NAS Jacksonville	09630	1	0	0	0	0	0
VP-8 NAS Brunswick	09661	1	0	0	0	0	0
VR-53 NAF Washington	55617	1	0	0	0	0	0
VR-54 JRB New Orleans	52895	1	0	0	0	0	0
VR-62 NAS Brunswick	09324	1	0	0	0	0	0
CV 63 USS Kitty Hawk	03363	1	0	0	0	0	0
CVN 68 USS Nimitz	03368	1	0	0	0	0	0
CVN 70 USS Carl Vinson	20993	1	0	0	0	0	0
CVN 72 USS Abraham Lincoln	21297	1	0	0	0	0	0
CVN 74 USS John C. Stennis	21847	1	0	0	0	0	0
HCS-5 NAS North Island	53812	1	0	0	0	0	0
HM-15 NAS Corpus Christi	55201	1	0	0	0	0	0
LHA 1 USS Tarawa	20550	1	0	0	0	0	0
LHA 3 USS Belleau Wood	20633	1	0	0	0	0	0
LHA 5 USS Peleliu	20748	1	0	0	0	0	0
LHD 2 USS Essex	21533	1	0	0	0	0	0
LHD 4 USS Boxer	21808	1	0	0	0	0	0
LHD 6 USS Bonhomme Richard	22202	1	0	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC		PFYs	CFY04	FY05	FY06	FY07	FY08
VFA-201 JRB Fort Worth	09309	1	0	0	0	0	0
VMFAT-101 Navy Detachment MCAS Miramar	52817	1	0	0	0	0	0
VP-1 NAS Whidbey Island	09618	1	0	0	0	0	0
VP-4 MCAS Kaneohe Bay	09623	1	0	0	0	0	0
VP-40 NAS Whidbey Island	09674	1	0	0	0	0	0
VP-46 NAS Whidbey Island	09632	1	0	0	0	0	0
VP-47 MCAS Kaneohe Bay	09600	1	0	0	0	0	0
VP-9 MCAS Kaneohe Bay	09644	1	0	0	0	0	0
VQ-1 DET Misawa, Japan	09081	1	0	0	0	0	0
VR-55 NAS Point Mugu	53855	1	0	0	0	0	0
TOTAL:		52	0	0	0	0	0
FLEET SUPPORT ACTIVITIES - USN							
ABFC FMP MMF HOTEL NAS New Orleans	68822	1	0	0	0	0	0
AIMD DET Atsugi, Japan	44324	1	0	0	0	0	0
AIMD DET NAF Diego Garcia	44337	1	0	0	0	0	0
AIMD NAF Sigonella, Sicily	44330	1	0	0	0	0	0
AIMD NAS Brunswick	44314	1	0	0	0	0	0
AIMD NAS Jacksonville	44319	1	0	0	0	0	0
AIMD NAS Keflavik, Iceland	44335	1	0	0	0	0	0
AIMD NAS Mayport	45459	1	0	0	0	0	0
AIMD NAS Norfolk	44325	1	0	0	0	0	0
AIMD NAS Oceana	44327	1	0	0	0	0	0
Aircraft OPDET NF Sigonella, Sicily	44378	1	0	0	0	0	0
NAVAIRWARCENAD OPDET NAS Patuxent River	35679	1	0	0	0	0	0
NAVTEST WINGLANT NAS Patuxent River	39782	1	0	0	0	0	0
RAIMD NAF Washington	44492	1	0	0	0	0	0
RAIMD NAS New Orleans	44490	1	0	0	0	0	0
SEAOPDET MCAS Beaufort	46961	1	0	0	0	0	0
SEAOPDET NAS Norfolk	46966	1	0	0	0	0	0
SEAOPDET NAS Oceana	46963	1	0	0	0	0	0
ABFC FMP ALPHA NAS Point Mugu	49738	1	0	0	0	0	0
AIMD DET COMAEWWINGPAC NAS Point Mugu	44328	1	0	0	0	0	0
AIMD DET COMVAQWINGPAC NAS Whidbey Is.	44329	1	0	0	0	0	0
AIMD DET NAF Misawa, Japan	44331	1	0	0	0	0	0
AIMD MCBH Kaneohe Bay	44312	1	0	0	0	0	0
AIMD NAS Corpus Christi	30244	1	0	0	0	0	0
AIMD NAS Fallon	44317	1	0	0	0	0	0
COMSEACONTROLWINGPAC NAS North Island	44326	1	0	0	0	0	0
COMSTRKFIGHTWINGPAC DET NAS Lemoore	44321	1	0	0	0	0	0
CV/CVN SEAOPDET NAS Lemoore	46964	1	0	0	0	0	0
CV/CVN SEAOPDET NAS Point Mugu	46962	1	0	0	0	0	0
CV/CVN SEAOPDET NAS Whidbey Island	46967	1	0	0	0	0	0
EA-6B Van OPDET NAS Whidbey Island	31179	1	0	0	0	0	0
FMP MMF CHARLIE MCAS Kaneohe Bay	68704	1	0	0	0	0	0
RAIMD JRB Fort Worth	44487	1	0	0	0	0	0
TOTAL:		33	0	0	0	0	0

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USN					
CV 67 USS John F. Kennedy, 03367					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 65 USS Enterprise, 03365					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 69 USS Dwight D. Eisenhower, 03369					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 71 USS Theodore Roosevelt, 21247					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 73 USS George Washington, 21412					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 75 USS Harry S. Truman, 21853					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 76 USS Ronald Reagan, 22178					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
HCS-4 NAS Norfolk, 53811					
TAR	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
HM-14 NAS Norfolk, 09132					
ACDU	0	1	AT2	6612	
	0	2	AT3	6605	6612
	0	1	AT3	6612	
	0	1	ATAN	6612	
ACTIVITY TOTAL:	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHA 2 USS Saipan, 20632					
ACDU	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
LHA 4 USS Nassau, 20725					
ACDU	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
LHD 1 USS Wasp, 21560					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
LHD 3 USS Kearsarge, 21700					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
LHD 5 USS Bataan, 21879					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
LHD 7 USS Iwo Jima, 23027					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
VAQ-209 NAF Washington, 53870					
SELRES	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VC-6 NAS Norfolk, 09806					
ACDU	0	1	AT2	6612	
	0	2	ATAN	6612	
ACTIVITY TOTAL:	0	3			
VFA-203 JRB Atlanta, 09030					
ACDU	0	1	ATAN	6612	6605
SELRES	0	1	ATAN	6612	6605
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VFA-204 NAS New Orleans, 09032					
SELRES	0	1	ATAN	6612	6605
ACTIVITY TOTAL:	0	1			
VP-10 NAS Brunswick, 09639					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-16 NAS Jacksonville, 09229					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-26 NAS Brunswick, 09610					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-45 NAS Jacksonville, 09665					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-5 NAS Jacksonville, 09630					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-8 NAS Brunswick, 09661					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VR-53 NAF Washington, 55617					
SELRES	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
VR-54 JRB New Orleans, 52895					
SELRES	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VR-62 NAS Brunswick, 09324					
TAR	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
CV 63 USS Kitty Hawk, 03363					
ACDU	0	1	AT2	6612	
	0	2	AT2	6612	6605
	0	2	AT3	6612	6605
ACTIVITY TOTAL:	0	5			
CVN 68 USS Nimitz, 03368					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 70 USS Carl Vinson, 20993					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 72 USS Abraham Lincoln, 21297					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
CVN 74 USS John C. Stennis, 21847					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
HCS-5 NAS North Island, 53812					
SELRES	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
HM-15 NAS Corpus Christi, 55201					
ACDU	0	2	AT3	6605	6612
ACTIVITY TOTAL:	0	2			
LHA 1 USS Tarawa, 20550					
ACDU	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
LHA 3 USS Belleau Wood, 20633					
ACDU	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
LHA 5 USS Peleliu, 20748					
ACDU	0	1	AT3	6605	6612
ACTIVITY TOTAL:	0	1			
LHD 2 USS Essex, 21533					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
LHD 4 USS Boxer, 21808					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
LHD 6 USS Bonhomme Richard, 22202					
ACDU	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
VFA-201 JRB Fort Worth, 09309					
SELRES	0	1	ATAN	6612	6605
ACTIVITY TOTAL:	0	1			
VMFAT-101 Navy Detachment MCAS Miramar, 52817					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-1 NAS Whidbey Island, 09618					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-4 MCAS Kaneohe Bay, 09623					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-40 NAS Whidbey Island, 09674					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
VP-46 NAS Whidbey Island, 09632					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-47 MCAS Kaneohe Bay, 09600					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VP-9 MCAS Kaneohe Bay, 09644					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VQ-1 DET Misawa, Japan, 09081					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
VR-55 NAS Point Mugu, 53855					
TAR	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	1			
FLEET SUPPORT ACTIVITIES - USN					
ABFC FMP MMF HOTEL NAS New Orleans, 68822					
TAR	0	2	AT2	6612	
	0	1	AT3	6612	9527
ACTIVITY TOTAL:	0	3			
AIMD DET Atsugi, Japan, 44324					
ACDU	0	1	AT2	6612	
	0	1	AT3	6612	
SELRES	0	9	AT2	6612	
ACTIVITY TOTAL:	0	11			
AIMD DET NAF Diego Garcia, 44337					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AIMD NAF Sigonella, Sicily, 44330					
ACDU	0	1	AT1	6612	
	0	1	AT2	6612	
	0	2	AT3	6612	
ACTIVITY TOTAL:	0	4			
AIMD NAS Brunswick, 44314					
ACDU	0	1	AT3	6612	
	0	1	AT3	6710	6612
	0	1	ATAN	6612	6710
ACTIVITY TOTAL:	0	3			
AIMD NAS Jacksonville, 44319					
ACDU	0	1	AT1	6612	
	0	1	AT2	6612	
	0	1	AT3	6612	
	0	1	ATAN	6612	
ACTIVITY TOTAL:	0	4			
AIMD NAS Keflavik, Iceland, 44335					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
AIMD NAS Mayport, 45459					
ACDU	0	1	AT2	6612	
	0	1	AT3	6612	
ACTIVITY TOTAL:	0	2			
AIMD NAS Norfolk, 44325					
ACDU	0	1	AT2	6609	6612
	0	1	AT2	6612	
	0	1	AT2	6612	6609
	0	1	AT2	6686	6612
	0	1	AT3	6607	6612
	0	1	AT3	6609	6612
	0	1	AT3	6612	6609
SELRES	0	1	ATAN	6612	
ACTIVITY TOTAL:	0	8			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AIMD NAS Oceana, 44327					
ACDU	0	2	AT1	6612	6605
	0	1	AT2	6612	6605
	0	1	AT2	6612	9526
	0	1	AT3	6612	6605
ACTIVITY TOTAL:	0	5			
Aircraft OPDET NF Sigonella, Sicily, 44378					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
NAVAIRWARCENAD OPDET NAS Patuxent River, 35679					
ACDU	0	1	AT3	6612	9527
ACTIVITY TOTAL:	0	1			
NAVTEST WINGLANT NAS Patuxent River, 39782					
ACDU	0	1	AT1	6612	
	0	1	AT2	6612	
	0	1	AT2	6612	6605
	0	1	AT2	6612	9526
	0	2	AT3	6612	
	0	2	ATAN	6612	
ACTIVITY TOTAL:	0	8			
RAIMD NAF Washington, 44492					
TAR	0	1	AT3	6612	
	0	1	ATAN	6612	
ACTIVITY TOTAL:	0	2			
RAIMD NAS New Orleans, 44490					
TAR	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
SEAOPDET MCAS Beaufort, 46961					
ACDU	0	1	AT2	6612	6605
ACTIVITY TOTAL:	0	1			
SEAOPDET NAS Norfolk, 46966					
ACDU	0	5	AT3	6612	6605
ACTIVITY TOTAL:	0	5			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SEAOPDET NAS Oceana, 46963					
ACDU	0	4	AT2	6612	6605
	0	8	AT3	6612	6605
ACTIVITY TOTAL:	0	12			
ABFC FMP ALPHA NAS Point Mugu, 49738					
TAR	0	2	AT2	6612	
	0	1	AT3	6612	
	0	1	AT3	6612	9527
ACTIVITY TOTAL:	0	4			
AIMD DET COMAEWWINGPAC NAS Point Mugu, 44328					
ACDU	0	1	AT2	6612	
ACTIVITY TOTAL:	0	1			
AIMD DET COMVAQWINGPAC NAS Whidbey Island, 44329					
ACDU	0	2	AT1	6612	
	0	7	AT2	6612	
	0	7	AT3	6612	
ACTIVITY TOTAL:	0	16			
AIMD DET NAF Misawa, Japan, 44331					
ACDU	0	1	AT1	6612	6609
ACTIVITY TOTAL:	0	1			
AIMD MCBH Kaneohe Bay, 44312					
ACDU	0	1	AT2	6612	6710
ACTIVITY TOTAL:	0	1			
AIMD NAS Corpus Christi, 30244					
ACDU	0	1	AT1	6612	
	0	1	AT2	6612	
ACTIVITY TOTAL:	0	2			
AIMD NAS Fallon, 44317					
ACDU	0	1	AT2	6612	9527
ACTIVITY TOTAL:	0	1			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
COMSEACONTROLWINGPAC NAS North Island, 44326					
ACDU	0	1	AT2	6612	
	0	1	AT3	6612	
ACTIVITY TOTAL:	0	2			
COMSTRKFIGHTWINGPAC DET NAS Lemoore, 44321					
ACDU	0	3	AT2	6612	
	0	2	AT3	6612	
ACTIVITY TOTAL:	0	5			
CV/CVN SEAOPDET NAS Lemoore, 46964					
ACDU	0	5	AT2	6612	6605
ACTIVITY TOTAL:	0	5			
CV/CVN SEAOPDET NAS Point Mugu, 46962					
ACDU	0	4	AT3	6612	6605
ACTIVITY TOTAL:	0	4			
CV/CVN SEAOPDET NAS Whidbey Island, 46967					
ACDU	0	9	AT2	6612	6605
ACTIVITY TOTAL:	0	9			
EA-6B Van OPDET NAS Whidbey Island, 31179					
ACDU	0	5	ATAN	6612	
ACTIVITY TOTAL:	0	5			
FMP MMF CHARLIE MCAS Kaneohe Bay, 68704					
ACDU	0	1	AT3	6612	
ACTIVITY TOTAL:	0	1			
RAIMD JRB Fort Worth, 44487					
TAR	0	1	AT2	6612	
	0	1	ATAN	6612	
ACTIVITY TOTAL:	0	2			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
USN OPERATIONAL ACTIVITIES - ACDU													
AT2	6612		14	0		0		0		0		0	
AT2	6612 6605		2	0		0		0		0		0	
AT3	6605 6612		9	0		0		0		0		0	
AT3	6612		15	0		0		0		0		0	
AT3	6612 6605		9	0		0		0		0		0	
ATAN	6612		3	0		0		0		0		0	
ATAN	6612 6605		1	0		0		0		0		0	
USN OPERATIONAL ACTIVITIES - TAR													
AT3	6605 6612		1	0		0		0		0		0	
AT3	6612 6605		2	0		0		0		0		0	
USN OPERATIONAL ACTIVITIES - SELRES													
AT3	6605 6612		1	0		0		0		0		0	
AT3	6612		1	0		0		0		0		0	
AT3	6612 6605		2	0		0		0		0		0	
ATAN	6612 6605		3	0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - ACDU													
AT1	6612		6	0		0		0		0		0	
AT1	6612 6605		2	0		0		0		0		0	
AT1	6612 6609		1	0		0		0		0		0	
AT2	6609 6612		1	0		0		0		0		0	
AT2	6612		21	0		0		0		0		0	
AT2	6612 6605		21	0		0		0		0		0	
AT2	6612 6609		1	0		0		0		0		0	
AT2	6612 6710		1	0		0		0		0		0	
AT2	6612 9526		2	0		0		0		0		0	
AT2	6612 9527		1	0		0		0		0		0	
AT2	6686 6612		1	0		0		0		0		0	
AT3	6607 6612		1	0		0		0		0		0	
AT3	6609 6612		1	0		0		0		0		0	
AT3	6612		20	0		0		0		0		0	
AT3	6612 6605		18	0		0		0		0		0	
AT3	6612 6609		1	0		0		0		0		0	
AT3	6612 9527		1	0		0		0		0		0	
AT3	6710 6612		1	0		0		0		0		0	
ATAN	6612		8	0		0		0		0		0	
ATAN	6612 6710		1	0		0		0		0		0	
USN FLEET SUPPORT ACTIVITIES - TAR													
AT2	6612		6	0		0		0		0		0	
AT3	6612		2	0		0		0		0		0	
AT3	6612 9527		2	0		0		0		0		0	
ATAN	6612		2	0		0		0		0		0	

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF	PFYs ENL	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
USN FLEET SUPPORT ACTIVITIES - SELRES													
AT2	6612		9		0		0		0		0		0
ATAN	6612		1		0		0		0		0		0
SUMMARY TOTALS:													
USN OPERATIONAL ACTIVITIES - ACDU													
			53		0		0		0		0		0
USN OPERATIONAL ACTIVITIES - TAR													
			3		0		0		0		0		0
USN OPERATIONAL ACTIVITIES - SELRES													
			7		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU													
			110		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - TAR													
			12		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - SELRES													
			10		0		0		0		0		0
GRAND TOTALS:													
USN - ACDU			163		0		0		0		0		0
USN - TAR			15		0		0		0		0		0
USN - SELRES			17		0		0		0		0		0

II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS		PFYs OFF	PFYs ENL	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
TRAINING ACTIVITY, LOCATION, UIC: CNATT Unit North Island, 66065														
INSTRUCTOR BILLETS														
USN														
AT1	6612	9502	0	4	0	4	0	4	0	4	0	4	0	4
USN														
AT1	6612	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	6	0	6	0	6	0	6	0	6	0	6
TRAINING ACTIVITY, LOCATION, UIC: CNATT Unit Lemoore, 66060														
INSTRUCTOR BILLETS														
USN														
AT1	6612	9502	0	4	0	4	0	4	0	4	0	4	0	4
AT2	6612	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	6	0	6	0	6	0	6	0	6	0	6
TRAINING ACTIVITY, LOCATION, UIC: CNATT Unit Oceana, 66045														
INSTRUCTOR BILLETS														
USN														
AT1	6612	9502	0	2	0	2	0	2	0	2	0	2	0	2
AT2	6612	9502	0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	4	0	4	0	4	0	4	0	4	0	4

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs OFF	PFYs ENL	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
CNATT Unit Oceana, 66045													
	USN	0.0	2.8	0.0	2.8	0.0	2.8	0.0	2.8	0.0	2.8	0.0	2.8
CNATT Unit Lemoore, 66060													
	USN	0.0	2.6	0.0	2.6	0.0	2.6	0.0	2.6	0.0	2.6	0.0	2.6
SUMMARY TOTALS:													
	USN	0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4
GRAND TOTALS:		0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4	0.0	5.4

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY04 +/-	CFY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM	FY08 +/-	FY08 CUM
a. OFFICER - USN	Not Applicable												
b. ENLISTED - USN													
Operational Billets ACDU and TAR													
AT2	6612		14	0	14	0	14	0	14	0	14	0	14
AT2	6612	6605	2	0	2	0	2	0	2	0	2	0	2
AT3	6605	6612	10	0	10	0	10	0	10	0	10	0	10
AT3	6612		15	0	15	0	15	0	15	0	15	0	15
AT3	6612	6605	11	0	11	0	11	0	11	0	11	0	11
ATAN	6612		3	0	3	0	3	0	3	0	3	0	3
ATAN	6612	6605	1	0	1	0	1	0	1	0	1	0	1
Fleet Support Billets ACDU and TAR													
AT1	6612		6	0	6	0	6	0	6	0	6	0	6
AT1	6612	6605	2	0	2	0	2	0	2	0	2	0	2
AT1	6612	6609	1	0	1	0	1	0	1	0	1	0	1
AT2	6609	6612	1	0	1	0	1	0	1	0	1	0	1
AT2	6612		27	0	27	0	27	0	27	0	27	0	27
AT2	6612	6605	21	0	21	0	21	0	21	0	21	0	21
AT2	6612	6609	1	0	1	0	1	0	1	0	1	0	1
AT2	6612	6710	1	0	1	0	1	0	1	0	1	0	1
AT2	6612	9526	2	0	2	0	2	0	2	0	2	0	2
AT2	6612	9527	1	0	1	0	1	0	1	0	1	0	1
AT2	6686	6612	1	0	1	0	1	0	1	0	1	0	1
AT3	6607	6612	1	0	1	0	1	0	1	0	1	0	1
AT3	6609	6612	1	0	1	0	1	0	1	0	1	0	1
AT3	6612		22	0	22	0	22	0	22	0	22	0	22
AT3	6612	6605	18	0	18	0	18	0	18	0	18	0	18
AT3	6612	6609	1	0	1	0	1	0	1	0	1	0	1
AT3	6612	9527	3	0	3	0	3	0	3	0	3	0	3
AT3	6710	6612	1	0	1	0	1	0	1	0	1	0	1
ATAN	6612		10	0	10	0	10	0	10	0	10	0	10
ATAN	6612	6710	1	0	1	0	1	0	1	0	1	0	1
Staff Billets ACDU and TAR													
AT1	6612	9502	12	0	12	0	12	0	12	0	12	0	12
AT2	6612	9502	4	0	4	0	4	0	4	0	4	0	4
Chargeable Student Billets ACDU and TAR													
			6	0	6	0	6	0	6	0	6	0	6
SELRES Billets													
AT2	6612		9	0	9	0	9	0	9	0	9	0	9
AT3	6605	6612	1	0	1	0	1	0	1	0	1	0	1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY04 +/-	CFY04 CUM	FY05 +/-	FY05 CUM	FY06 +/-	FY06 CUM	FY07 +/-	FY07 CUM	FY08 +/-	FY08 CUM
AT3	6612		1	0	1	0	1	0	1	0	1	0	1
AT3	6612	6605	2	0	2	0	2	0	2	0	2	0	2
ATAN	6612		1	0	1	0	1	0	1	0	1	0	1
ATAN	6612	6605	3	0	3	0	3	0	3	0	3	0	3
TOTAL USN ENLISTED BILLETS:													
Operational			56	0	56	0	56	0	56	0	56	0	56
Fleet Support			122	0	122	0	122	0	122	0	122	0	122
Staff			16	0	16	0	16	0	16	0	16	0	16
Chargeable Student			6	0	6	0	6	0	6	0	6	0	6
SELRES			17	0	17	0	17	0	17	0	17	0	17

c. OFFICER - USMC Not Applicable

d. ENLISTED - USMC Not Applicable

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance
COURSE LENGTH: 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
CNATT Unit Oceana												
	USN	ACDU		27		27		27		27		27
		TAR		2		2		2		2		2
		SELRES		1		1		1		1		1
		TOTAL:		30		30		30		30		30

CIN, COURSE TITLE: E-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance
COURSE LENGTH: 5.4 Weeks **NAVY TOUR LENGTH:** 36 Months
ATTRITION FACTOR: Navy: 10% **BACKOUT FACTOR:** 0.11

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY04 OFF	CFY04 ENL	FY05 OFF	FY05 ENL	FY06 OFF	FY06 ENL	FY07 OFF	FY07 ENL	FY08 OFF	FY08 ENL
CNATT Unit Lemoore												
	USN	ACDU		25		25		25		25		25
		TAR		2		2		2		2		2
		SELRES		1		0		0		1		0
		TOTAL:		28		27		27		28		27

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the AN/AYK-14(V) and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

III.A.2.b. Planned Courses

III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
29		29		29		29		29		ATIR
26		26		26		26		26		Output
2.8		2.8		2.8		2.8		2.8		AOB
2.8		2.8		2.8		2.8		2.8		Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		1		1		1		1		ATIR
1		1		1		1		1		Output
0.1		0.1		0.1		0.1		0.1		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

CIN, COURSE TITLE: E-102-6113, TACAN Radio Navigation Equipment Intermediate Maintenance
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
27		27		27		27		27		ATIR
24		24		24		24		24		Output
2.6		2.6		2.6		2.6		2.6		AOB
2.6		2.6		2.6		2.6		2.6		Chargeable

SOURCE: USN **STUDENT CATEGORY:** SELRES

CFY04		FY05		FY06		FY07		FY08		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
1		0		0		1		0		ATIR
1		0		0		1		0		Output
0.1		0.0		0.0		0.1		0.0		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the AN/AYK-14(V) and, therefore, are not included in Part IV of this NTSP:

1V.B. Courseware Requirements

IV.B.1. Training Services

IV.C. Facility Requirements

IV.C.1. Facility Requirements Summary (Space/Support) by Activity

IV.C.2. Facility Requirements Detailed by Activity and Course

IV.C.3. Facility Project Summary by Program

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track D-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
001	Computer Processor (Part No. CP-1539A/AYK-14(V))	1	Jan 98	GFE	Onboard
002	Computer Processor (Part No. CP-169A/AYK-14(V))	1	Jan 98	GFE	Onboard
003	Auxiliary Cooling Fan (Part No. 14761700-01)	1	Jan 98	GFE	Onboard
ST					
201	Module Extractor (Part No. 14761500-01)	1	Jan 98	GFE	Onboard
202	Mounting Fixture (Part No. 14761600-01)	1	Jan 98	GFE	Onboard
203	C-12 Cable Assembly (Part No. 13213133-01) (W100)	1	Jan 98	GFE	Onboard
204	C-13 Cable Assembly (Part No. 13233134-1) (W101)	1	Jan 98	GFE	Onboard
205	Cable Assembly (Part No. 13232825-01) (W2020	1	Jan 98	GFE	Onboard
206	C-15 Cable Assembly (Part No. 13213136-1) (W103)	1	Jan 98	GFE	Onboard
SPETE					
501	AN/ASM-709 CTS (Part No. 40AYK3000-1)	1	Jan 00	GFE	Onboard
502	AN/ASM-607(V) MLV (Part No. 1164AS230-7)	1	Jan 98	GFE	Onboard
503	Tape Transport Unit with SRAID (Part No. 109ASSML VXX)	1	Jan 98	GFE	Onboard
504	Test Dummy Connector Plug (Part No. 14749300-01) (W8)	1	Jan 98	GFE	Onboard
505	Test Dummy Connector Plug (Part No. 17479200-01) (W7)	1	Jan 98	GFE	Onboard
506	Test Cable Assembly (Part No. 14749100-01) (W9)	1	Jan 98	GFE	Onboard
507	Test Cable Assembly (Part No. 14748900-01) (W10)	1	Jan 98	GFE	Onboard
508	Cable Adapter Set (CAS) (Part No. 14749000-01)	1	Jan 98	GFE	Onboard
510	Test Cable Assembly (Part No. 14736200-01)	1	Jan 98	GFE	Onboard
511	AN/ASM-667 CTS (Part No. 14736100-01	1	Jan 98	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track E-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
TTE					
001	Computer Processor (Part No. CP-1539A/AYK-14(V))	1	Jan 98	GFE	Onboard
002	Computer Processor (Part No. CP-169A/AYK-14(V))	1	Jan 98	GFE	Onboard
003	Auxiliary Cooling Fan (Part No. 14761700-01)	1	Jan 98	GFE	Onboard
ST					
201	Module Extractor (Part No. 14761500-01)	1	Jan 98	GFE	Onboard
202	Mounting Fixture (Part No. 14761600-01)	1	Jan 98	GFE	Onboard
203	C-12 Cable Assembly (Part No. 13213133-01) (W100)	1	Jan 98	GFE	Onboard
204	C-13 Cable Assembly (Part No. 13233134-1) (W101)	1	Jan 98	GFE	Onboard
205	Cable Assembly (Part No. 13232825-01) (W2020	1	Jan 98	GFE	Onboard
206	C-15 Cable Assembly (Part No. 13213136-1) (W103)	1	Jan 98	GFE	Onboard
SPETE					
501	AN/ASM-709 CTS (Part No. 40AYK3000-1)	1	Jan 00	GFE	Onboard
502	AN/ASM-607(V) MLV (Part No. 1164AS230-7)	1	Jan 98	GFE	Onboard
503	Tape Transport Unit with SRAID (Part No. 109ASSML VXX)	1	Jan 98	GFE	Onboard
504	Test Dummy Connector Plug (Part No. 14749300-01) (W8)	1	Jan 98	GFE	Onboard
505	Test Dummy Connector Plug (Part No. 17479200-01) (W7)	1	Jan 98	GFE	Onboard
506	Test Cable Assembly (Part No. 14749100-01) (W9)	1	Jan 98	GFE	Onboard
507	Test Cable Assembly (Part No. 14748900-01) (W10)	1	Jan 98	GFE	Onboard
508	Cable Adapter Set (CAS) (Part No. 14749000-01)	1	Jan 98	GFE	Onboard
510	Test Cable Assembly (Part No. 14736200-01)	1	Jan 98	GFE	Onboard
511	AN/ASM-667 CTS (Part No. 14736100-01	1	Jan 98	GFE	Onboard

IV.A.2. TRAINING DEVICES

DEVICE: Faultable Core Memory Module
DESCRIPTION: This faultable core memory module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: General Dynamics Advanced Information System (GD-AIS)
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

DEVICE: Faultable Discrete and Serial Module
DESCRIPTION: This faultable discrete and serial module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-98-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

IV.A.2. TRAINING DEVICES

DEVICE: Faultable Discrete Interface Module
DESCRIPTION: This faultable discrete interface module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

DEVICE: Faultable General Processor Module
DESCRIPTION: This faultable general processor module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0014
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

IV.A.2. TRAINING DEVICES

DEVICE: Faultable Input/Output Processor
DESCRIPTION: This faultable input/output processor module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

DEVICE: Faultable Memory Control Module
DESCRIPTION: This faultable memory control module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.

MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

IV.A.2. TRAINING DEVICES

DEVICE: Faultable Memory Control Module with Memory
DESCRIPTION: This faultable memory control module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

DEVICE: Faultable Processor Support Module
DESCRIPTION: This faultable processor support module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.

MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

IV.A.2. TRAINING DEVICES

DEVICE: Faultable Serial Interface Module
DESCRIPTION: This faultable serial interface module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N-163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

DEVICE: Faultable Single Card Processor Module
DESCRIPTION: This faultable single card processor module is an AN/AYK-14 SRA that has been modified to include electrical switches which cause simulated failures in the SRA. It is used to teach AN/AYK-14 core memory troubleshooting.
MANUFACTURER: GD-AIS
CONTRACT NUMBER: N00163-96-D-0001
TEE STATUS: Onboard

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track D-102-6113)

TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

QTY REQD	DATE REQD	RFT DATE	STATUS	COURSES SUPPORTED
1	Jan 98	Jan 98	Onboard	C-102-4018 (Track E-102-6113)

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track D-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Computer Aided Instruction Software in Digital Format	3	Jan 98	Onboard
Instructor Guide	3	Jan 98	Onboard
Instructor Utilization Handbook for Simulation Equipment	2	Jan 98	Onboard
Set of Slides	3 sets	Jan 98	Onboard
Set of Transparencies	3 sets	Jan 98	Onboard
Student Achievement Test	25	Jan 98	Onboard
Topical Outline	25	Jan 98	Onboard
Trainee Guide	25	Jan 98	Onboard

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track E-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

TYPES OF MATERIAL OR AID	QTY REQD	DATE REQD	STATUS
Computer Aided Instruction Software in Digital Format	3	Jan 98	Onboard
Instructor Guide	3	Jan 98	Onboard
Instructor Utilization Handbook for Simulation Equipment	2	Jan 98	Onboard
Set of Slides	3 sets	Jan 98	Onboard
Set of Transparencies	3 sets	Jan 98	Onboard
Student Achievement Test	25	Jan 98	Onboard
Topical Outline	25	Jan 98	Onboard
Trainee Guide	25	Jan 98	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track D-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AE-610AA-740-000 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-200 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-300 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-400 Peculiar Support Equipment for Digital Data Computer AN/AYK-14 Intermediate Maintenance and IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-600 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-800 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
NA 16-50-BAC-2-13 Computer Memory Loader-Verifier Test Set, AN/ASM-607(V) and Test Set Adapter OF-65/ASM Intermediate Operation and Maintenance with IPB	Hard copy	10	Jan 98	Onboard
NA-01-1A-23 Electronic Assembly Repair, Standard Maintenance Practices	Hard copy	10	Jan 98	Onboard
NADEP NORVA TPI Automated Test Program Instruction (ATPI) for Digital Data Computer AN/AYK-14(V)	Digital	3	Jan 98	Onboard
NADEP NORVA TPI 1097ASS-04-08 Test Program Instruction (TPI) for Standard Airborne Computer Set AN/AYK-14(V)	Digital	3	Jan 98	Onboard
AE-610AA-740-900 Digital Data Computer, AN/AYK-14 Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-102-4018, AN/AYK-14(V) Digital Data Computer Intermediate Maintenance (Track E-102-6113)
TRAINING ACTIVITY: CNATT Unit
LOCATION, UIC: NAS Lemoore, 66060

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AE-610AA-740-000 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-200 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-300 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-400 Peculiar Support Equipment for Digital Data Computer AN/AYK-14 Intermediate Maintenance and IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-600 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
AE-610AA-740-800 Digital Data Computer, AN/AYK-14(V) Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard
NA 16-50-BAC-2-13 Computer Memory Loader-Verifier Test Set, AN/ASM-607(V) and Test Set Adapter OF-65/ASM Intermediate Operation and Maintenance with IPB	Hard copy	10	Jan 98	Onboard
NA-01-1A-23 Electronic Assembly Repair, Standard Maintenance Practices	Hard copy	10	Jan 98	Onboard
NADEP NORVA TPI Automated Test Program Instruction (ATPI) for Digital Data Computer AN/AYK-14(V)	Digital	3	Jan 98	Onboard
NADEP NORVA TPI 1097ASS-04-08 Test Program Instruction (TPI) for Standard Airborne Computer Set AN/AYK-14(V)	Digital	3	Jan 98	Onboard
AE-610AA-740-900 Digital Data Computer, AN/AYK-14 Intermediate Maintenance with IPB	Hard copy	10	Jan 98	Onboard

PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
PDA	Introduced First Generation AN/AYK-14 to the Fleet	Apr 79	Complete
PDA	Began Analysis of MPT Requirements	Mar 83	Complete
TSA	Conducted Initial Training	Jan 84	Complete
TSA	Delivered Technical Training Equipment	Dec 84	Complete
TA	Began Follow-on Training	Feb 85	Complete
PDA	Promulgated ILS Master Plan	Apr 86	Complete
PDA	Began Fleet Introduction of Second Generation Computer	Dec 88	Complete
PDA	Began Fleet Introduction of Third Generation VHSIC Processor Computer	Mar 92	Complete
TA	Relocated East Coast Intermediate Level Maintenance Training from NAS Cecil Field to NAS Oceana	Jan 98	Complete
OPNAV	Approved Updated NTSP	Nov 00	Complete
TSA	Developed Draft NTSP	Feb 04	Complete

PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUE DATE	STATUS
No decisions or actions pending.			

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
CAPT John Chase Deputy Aviation Maintenance Programs CNO, N781B john.chase@navy.mil	**COMM:** (703) 604-7747 **DSN:** 664-7747 **FAX:** (703) 604-6972
CDR Ray O'Donnell Resource Sponsor / Program Sponsor CNO, N785D1/E1 raymond.o'donnell@navy.mil	**COMM:** (703) 614-3375 **DSN:** 224-3375 **FAX:** (703) 695-3066
AZC Daniel Burlile NTSP Manager CNO, N789H7 daniel.burlile@navy.mil	**COMM:** (703) 604-7709 **DSN:** 664-7709 **FAX:** (703) 604-6972
LCDR Jim Arend Aviation Manpower CNO, N122C1C james.arend@navy.mil	**COMM:** (703) 695-3223 **DSN:** 225-3223 **FAX:** (703) 614-5308
CAPT David Mahoney Head, Reserve Air Logistics Programs CNO, N0955F david.mahoney@navy.mil	**COMM:** (703) 601-1872 **DSN:** 329-1872 **FAX:** (703) 601-0561
CAPT Michael Disano Professional Development Division Director CNO, N00T3 michael.disano@navy.mil	**COMM:** (703) 602-5172 **DSN:** 332-5172 **FAX:** (703) 602-5175
Mr. Robert Zweibel Human Performance and Acquisition Assessment Division CNO, N00T46 robert.zweibel@navy.mil	**COMM:** (703) 602-5151 **DSN:** 332-5151 **FAX:** (703) 602-5175
Mr. Herb Schaefer AN/AYK-14 APML NAVAIR, PMA209/AIR 3.1 herbert.schaefer@navy.mil	**COMM:** (301) 342-9117 **DSN:** 342-9117 **FAX:** (301) 342-9184
Mr. Rex Coombs AN/AYK-14 IPT Lead NAVAIR, PMA209E3 rex.coombs@navy.mil	**COMM:** (301) 342-9125 **DSN:** 342-9125 **FAX:** (301) 342-9185
CDR David Randle Common Avionics Assistant Program Manager, Training System NAVAIR, PMA2053E3 david.randle@navy.mil	**COMM:** (301) 757-8143 **DSN:** 757-8143 **FAX:** (301) 757-6945

PART VII - POINTS OF CONTACT

NAME / FUNCTION / ACTIVITY, CODE / INTERNET EMAIL	TELEPHONE NUMBERS
Mr. Jim Hassler AYK-14 Hardware Engineer NAWCAD, 4.5.3.3 james.hassler@navy.mil	**COMM:** (301) 342-9096 **DSN:** 342-9096 **FAX:** (301) 342-9184
Mr. David Morris Manpower Team NAVAIR, AIR 3.2.6 david.m.morris@navy.mil	**COMM:** (301) 757-8313 **DSN:** 757-8313 **FAX:** (301) 342-7737
AECS Rob Gunther Manpower Team NAVAIR, AIR 3.2.6 robert.gunther@navy.mil	**COMM:** (301) 757-3089 **DSN:** 757-3089 **FAX:** (301) 342-7737
CAPT Jorge Sierra Branch Head, Training Requirements and Assessments COMLANTFLT, N72 jorge.sierra@navy.mil	**COMM:** (757) 836-6495 **DSN:** 836-6495 **FAX:** (757) 836-6794
CDR Mike Hohl Aviation NTSP Point Of Contact COMLANTFLT, N731 john.hohl@navy.mil	**COMM:** (757) 836-0085 **DSN:** 836-0085 **FAX:** (757) 836-6737
Mr. Bob Long Deputy Director for Training COMPACFLT, N70 robert.h.long@navy.mil	**COMM:** (808) 471-8513 **DSN:** 315-471-8513 (OUTCONUS) **FAX:** (808) 471-8596
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